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REMARKS

Claims 3, 5-7, 12, 24, and 26-38 are pending. By this Amendment, claims 1, 2, 4, 8-11, 13-23, and 25 are cancelled, claims 3, 5, 6, 12, and 24 are amended, and new claims 30-38 are added. Applicant notes that a greater number of claims were canceled than added.

Claims 26-29 have been indicated as allowed. Claims 3, 5-7, 12, and 24 have been found to be allowable subject matter and are presently objected to for depending from a rejected base claim. Claims 1, 2, 4, 8-11, 13-23, and 25 stand rejected.

New claims 30-38 are supported in the original claims and in the specification, for example, at page 25, lines 9-21. Claim 30 corresponds to cancelled claim 4, but includes the feature of calculating reflection factors using the equations $I_x = I_0 \cdot R_x + I_{cx}$ and $I_y = I_0 \cdot R_y + I_{cy}$. Claims 31-33 correspond to cancelled claims 8-10, respectively, but includes the feature of calculating reflection factors using the equations $I_x = I_0 \cdot R_x + I_{cx}$ and $I_y = I_0 \cdot R_y + I_{cy}$. Claim 34 corresponds to cancelled claim 13, but includes the feature of calculating reflection factors using the equations $I_x = I_0 \cdot R_x + I_{cx}$ and $I_y = I_0 \cdot R_y + I_{cy}$. Claim 35 corresponds to cancelled claim 26, but includes the feature of calculating reflection factors using the equations $I_x = I_0 \cdot R_x + I_{cx}$ and $I_y = I_0 \cdot R_y + I_{cy}$. Claim 36 corresponds to cancelled claim 2, but includes the feature of calculating reflection factors using the equations $I_x = I_0 \cdot R_x + I_{cx}$ and $I_y = I_0 \cdot R_y + I_{cy}$. Claim 37 corresponds to cancelled claim 28, but includes the feature of calculating reflection factors using the equations $I_x = I_0 \cdot R_x + I_{cx}$ and $I_y = I_0 \cdot R_y + I_{cy}$. Claim 38 corresponds to cancelled claim 25, but includes the feature of calculating reflection factors using the equations $I_x = I_0 \cdot R_x + I_{cx}$ and $I_y = I_0 \cdot R_y + I_{cy}$. No new matter is introduced by the new claims or amendments to previously pending claims.

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In addition to claims 26-29, which have been indicated as allowed, Applicant respectfully requests favorable consideration and prompt allowance of claims 3, 5-7, 12, 24, and 30-38.

Rejection over Tang in view of Reyblatt under 35 U.S.C. § 103(a)

Claims 1-2 and 14-18 were rejected as being obvious over S.T. Tang et al., "Measurement of Reflective LCD Cell Gap" ("Tang") in view of U.S. Patent No. 4,286,843 to Reyblatt ("Reyblatt").

Claims 1-2 and 14-18 have been canceled by this amendment. As such, the rejection over Tang in view of Reyblatt is presently moot. Claim 3 has been rewritten in independent form including all of the limitations of claim 1. Accordingly, Applicant respectfully submits that claim 3 is therefore now in a form indicated as allowable.

Rejection over Tang in view of Ishiwata under 35 U.S.C. § 103(a)

Claims 4, 8-11, 13, 19-23, and 25 were rejected as being obvious over Tang in view of U.S. Patent No. 6,369,375 to Ishiwata ("Ishiwata").

Claims 4, 8-11, 13, 19-23, and 25 have been canceled. As such, the rejection over Tang in view of Ishiwata is presently moot. Claims 5, 6, 12 have each been rewritten in independent form including all of the limitations of claim 4. Claim 24 has been rewritten in independent form including all of the limitations of claim 19. As such, Applicant respectfully submits that claims 5-7, 12, and 24 are now in a form indicated as allowable.

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Allowable Subject Matter

Claims 26-29 were indicated as allowed.

Claims 3, 5-7, 12, and 24 were objected to as being dependent upon a rejected base claim, but were indicated as allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. As stated above, claims 3, 5, 6, 12, and 24 have been rewritten in independent form including all of the limitations of their base claims and any intervening claims. In view of the above, Applicant respectfully submits that claims 3, 5-7, 12, and 24 are now in a form indicated as allowable.

New Claims

New claims 30-38 have been added. None of the cited references, alone or combined, teach, suggest, or motivate calculating reflection factors using the equations $I_x = J_0 \cdot R_x + I_{cx}$ and $I_y = J_0 \cdot R_y + I_{cy}$, as required by independent claims 30, 34, 35, 38, and the claims depending therefrom. As such, Applicant respectfully request favorable consideration and prompt allowance of new claims 30-38.
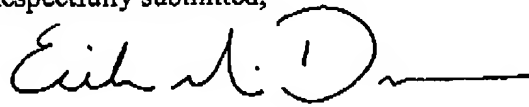
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CONCLUSION

In view of the foregoing, it is submitted that this application is in condition for allowance.

Favorable consideration and prompt allowance of the application are respectfully requested.

The Examiner is invited to telephone the undersigned if the Examiner believes it would

be useful to advance prosecution.

Respectfully submitted,

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